ಕೃತಿ ಪೆನ್ಸಿಲಿನ ಸಂಖ್ಯೆ: 1924/12-13

ಈ ಪುಸ್ತಕವನ್ನು ಶ್ರೀ ಎಸ್ ಕೆ. ರಂಗನಾಥ್ JE, 11 Kumbhranagarara ರವರಿಗೆ ದಿ. 06.02.13 ರಂದು ವಿತರಿಸಿದೆ.

ಮೇಲ್ಕಂಡ ಪುಸ್ತಕವನ್ನು ಪಡೆದ ಸಂಖ್ಯೆ: 19230/ ದಿನಾಂಕ 2ನೇ ಪುಟದಲ್ಲಿ ಪ್ರಾರಂಭಿಸಿ ಬರೆಯಲಾಗಿದೆ

ಸಹಿ/-
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ,
ಬೆ.ಮ.ಪಾ. ಯಲಹಂಕ ವಲಯ
ಬ್ಯಾಟರಾಯನಪುರ, ಬೆಂಗಳೂರು-92.

Work Final bill

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192301

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- providing chain link fencing & Blasting Rock, leveling and Filling at Kuvempu-nagar IST stage Burial ground in Ward No. 11 (change of place Approved to Singapura Burial ground)						
	Work Code No. :- 04-14-000046 Estimated Cost :- Rs. 20.00 Lakhs						
	Work order No. :- EE/BSP/BBMP/E-PMR/54/13-14 Dt. 24/2/14						
	Name of Agency :- Sri. N.N. Srinivasaiah.						

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually other than Foundation & Buildings, Culverts, road drains & trenches & pipeline & Cables) & Removing the excavated surface leveled & neatly dressed disposed earth to be leveled after breaking & clods and neatly dressed etc. Complete as per Specifications						
For leveling & burial ground at Singapura.	1	30.00	30.00	0.45	= 405.00	CLFC P
	1	30.00	25.00	0.45	= 202.50	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192302

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Destruction & road side drain's	1	30.00	8.00	0.45	= 108.00	CLFC P
		1	30.00	5.00	0.45	= 67.50	
		2	30.00	0.45	0.45	= 12.15	
		2	30.00	0.45	0.45	= 12.15	
		2	30.00	0.45	0.45	= 12.15	
		2	30.00	0.45	0.45	= 12.15	
		2	30.00	0.45	0.45	= 12.15	

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	2	230.00	0.45	0.45	12.15	
	2	230.00	0.45	0.45	12.15	
					868.05 m3	
	Total Qty					
	Qty. 125.10				Rs. 108593.00	

Earth work excavation by manual means in Hard Soil involving an average horizontal throw up to 2 mtrs & an average lift up to 0.45m. excavated surface leveled & sides neatly dressed, the

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192303

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	disposed earth to be levelled neatly after breaking & clods etc complete as per Specifications.						
	Foundation to chainlink Fencing Burial ground at Singapura	4	0.60	0.60	0.60	0.86	
		21	0.60	0.60	0.60	4.54	
		3	0.60	0.60	0.60	0.65	
		32	0.60	0.60	0.60	6.91	

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
For SSM Drain near Valmiki Pble.	1 × 30.00 × 0.90 × 0.90 = 24.30					
	1 × 30.00 × 0.90 × 0.90 = 24.30					
	1 × 30.00 × 0.90 × 0.90 = 24.30					
	1 × 30.00 × 0.90 × 0.90 = 24.30					
	2 × 10.80 × 0.90 × 0.90 = 17.50					
	1 × 10.80 × 0.90 × 0.90 = 8.75					
	2 × 12.00 × 0.90 × 0.90 = 9.72					
	Total Qty				137.38 cum	
	Limited To				135.53 cum	
	@ Rs. 89.81				Rs. 12172=00	

(Qty Rs)

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192304

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) providing & laying in positions Plain Cement Concrete of mix M 7.5 with OPC Cement @ 180 kgs with 40mm of down size graded granite Metal coarse aggregates @ 0.85 cum & Fine aggregates @ 0.57 cum Machine Mixed Concrete laid in layers not exceeding 15 cms thick well compacted in Foundation of plinth, including cost of all Materials labour, Hire of Machinery, Curing etc. Complete						

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
as per Specifications.						
For Fencing Foundations	4	0.80	0.60	0.15	= 0.22	
	21	0.60	0.60	0.15	= 1.13	
	3	0.60	0.60	0.15	= 0.16	
	32	0.60	0.60	0.15	= 1.73	
For SSM Drain near Valmiki Circle	1	30.00	0.90	0.15	= 4.05	
	1	30.00	0.90	0.15	= 4.05	
	1	30.00	0.90	0.15	= 4.05	
	1	30.00	0.90	0.15	= 4.05	
	1	10.80	0.90	0.15	= 1.46	
	1	10.80	0.90	0.15	= 1.46	

C&Fc 3.18

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192305

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.90	0.15	= 4.05	
		1	30.00	0.90	0.15	= 4.05	
		1	10.00	0.90	0.15	= 1.35	
				Total qty		31.81 cum	
				Add 3rd qty		31.28 cum	
				@ Rs 4247.93		Rs. 132875.00	
						C&Fc 3.18	

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing & Constructing granite/trap) basalt Size Stone Masonry in Foundation with Cement Mortar 1:6 Stone Hammered dressed in Course not less than 20cms high bond stones at two ms, apart in each course including cost of Material, labour Curing etc Complete as per Specifications.						
For SSR at Valluvar Circle	2 × 30.00 × 0.75 × 0.90 = 40.50					
	2 × 30.00 × 0.75 × 0.90 = 40.50					
	2 × 9.80 × 0.75 × 0.90 = 13.23					
	Total Qty				94.23 Cum	

CFTC
Rs 30/-

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192306

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Limited TO				93.83 Cum	
		Qty 3514.40				Rs. 329762.00	
					3.18		
5)	providing & Constructing granite/trap basalt Size Stone Masonry in basement with cement Mortar 1:6 edges of Stone Circle dressed in Courses not less than 15cms high, bond stones at two ms,						

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
apart in each courses including Cost of Materials labour, Curing etc Complete as per Specification						
	2	30.00	0.60	0.60	21.60	
	2	30.00	0.60	0.35	27.00	
	2	9.80	0.60	0.60	7.06	
				Total Qty	55.66 Cum	
				~~Unit Rate~~	Rs 4984.80	Rs 2329280
providing & laying in position plain Cement						

Cl Tc Bills

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192307

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Concrete of Mix M 10 with OPC Cement @ 220 kgs with 20mm & down Size graded granite metal coarse aggregates @ 0.84 Cum & Fine aggregates @ 0.56 Cum Machine Mixed Concrete laid in layers not exceeding 15cm thick well compacted. in Foundations, plinth & Cills including cost of all Materials, labour, Hire & Making Curing etc Complete as per Specifications						

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Bottom Concrete 1:4:M Drain Coping	1	30.00	0.60	0.10	1.80	
	1	9.80	0.60	0.10	0.59	
	2	30.00	0.60	0.10	3.60	
	2	30.00	0.60	0.10	3.60	
	2	9.80	0.60	0.10	1.18	
				Total Qty	10.77 Cum	
				Limited to	10.77 Cum	
				@ Rs 4690.58	Rs. 50479.00	

providing Flush pointing to Square rubble, Course or Uncoursed Rubble Masonry with Cement Mortar

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192308

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1:3, 20MM deep, after raking joints to depth of 20mm nicely lining including Cost of Materials labour carriage etc Complete as per specifications.						
		4	30.00	-	0.90	108.00	
		4	30.00	-	0.90	108.00	
		4	9.80	-	0.90	35.28	
					Total Qty	251.28 Rmt	

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
		Limited To			250.20 M²	
		M, 79.12			Rf. 19796 cm	
		C/F Grav 3.0			114	
Construction & embankment with approved Material gravel/murram with all lifts & leads transporting to site Spreading grading to required slope & Compacting to meet requirement table 300-2 (which includes cost of gravel/murram, watering charges & Compaction by vibratory roller) etc. complete as per Specifications.						

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192309

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Premeasurement Qty vide page No.					192380	
	Total Qty					1156.80 M²	
	Limited To					1155.00 M²	
	M. 164.66					Rf. 190182.00	
9)	Supplying & Fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 MM welded						

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
together & fixed in CC(1:2:4) with 2 nos 16mm dia MS hold fast rods each of length 75 cms, including cost of all Materials cutting bending Scaffolding wherever necessary, nicely finishing the welded joints with all lead & lift including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthy work & Concrete) etc complete as per specifications.						
	5	2.30	—	= 11.50		
	27	2.30	—	= 62.10		
	4	2.30	—	= 9.20		

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192310

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		40	2.30	—	= 92.00		
		15	2.30	—	= 34.50		
		15	2.30	—	= 34.50		
			Total Qty		243.80	Mtr	
			Issued Qty		243.60	Mtrs	
			Bal.		0.20		

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
providing & Fixing M.S Black pipe of 38 MM dia & heavy guage of 14 including removing the bends, cutting the pipes & Fixing pipe in between the two vertical poles (M.S. rectangular poles) & spot welding the chain link with M.S. Black pipe including cost of all Materials, wastages in cutting & Scaffolding wherever necessary with all lead & lift including two coats of approved quality paint over one coat of shop paint etc. Complete as per specifications						

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192311

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	× 11.50	—	-	= 34.50	
		3	× 30.00	—	-	= 90.00	
		3	× 33.00	—	-	= 99.00	
		3	× 8.50	—	-	= 25.50	
		3	× 30.00	—	-	= 90.00	
		3	× 30.00	—	-	= 90.00	
		3	× 30.00	—	-	= 90.00	
		3	× 35.00	—	-	= 105.00	
		3	× 30.00	—	-	= 90.00	

Cl Fc To 3.08

MEASUREMENT BOOK

Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	3	36.20	—	—	= 108.60	
	3	34.00	—	—	= 102.00	
				Total Qty	834.60 Mtr	
				Limited To	834.00 Mtr	
					@ 2470.00	

CSFC
30/3/2014
JM 296.17
30/3/14

providing chain link Fencing 50mm size of 8 guage properly streched between rectangular poles & fixed with suitable bolts & Nuts, the free ends shall be welded to the pole and

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192312

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	block pipe at top & bottom as required including cost of all Materials labour, lead & lift, cutting bending wherever necessary wastage & lapping etc including two coats of approved quality paint over one coat of Shop paint etc complete as per Specifications.						
	Burial ground chainlink Fencing	1	11.50	—	@1.95 = 22.43		
		1	30.00	—	@1.95 = 58.50		

CSFC

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	33.00	—	1.95	64.35	
	1	8.50	—	1.95	16.58	
	1	30.00	—	1.95	58.50	
	1	30.00	—	1.95	58.50	
	1	35.00	—	1.95	68.25	
	1	36.20	—	1.95	70.59	
			Total Qty		417.67 sq	
			Less 1%		417.00 sq	
			Qty. 650.07		Rs. 271079=00	

Cash
30/8/2014

CR
Rs 30/8/14

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192313

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Total				Rs. 187,000	
						18,67,951=00	

Certificate:

Certified that the above work done Satisfactory & No Materials Issued from department.

CR:
Rs 30/8/14

30/8/14